Index of Claims



Application/Control No.

10/530,253

Examiner

A R. Salimi

Applicant(s)/Patent under Reexamination

CASSETTI ET AL.

Art Unit

1648

| <b>√</b> | Rejected |  |  |  |  |  |  |
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|          | L              |          | _            |          |                                     | J  |  | Ц_   | L                         |              |             |              |                | -        |          |
|----------|----------------|----------|--------------|----------|-------------------------------------|--|--|--|---------------------------|--------------|-------------|--------------|----------------|----------|----------|
| Cia      | Date Claim     |          |              |          |                                     |  |  |  |                           |              | _           |              |                |          |          |
| Cla      |                | $\vdash$ | _            | Γ.       | _ <u>_</u>                          | Jall   | Ť  |  |                           |              |             | Uli          |                | $\vdash$ | Г        |
| =        | Original       |          |              |          |                                     |  | ĺ  |  |                           |              |             | <del>-</del> | Original       |          |          |
| Final    | į              |          |              |          |                                     |  |  |  |                           |              |             | Final        | ij             |          |          |
| "        | Ō              |          |              |          |                                     |  |  |  | l                         |              | .           | _            | Ō              |          |          |
|          | 1              | ب        | _            | _        |                                     | -  | -  |  | $\vdash$                  |              |             | · -          | 51             | H        | H        |
|          | 2              | 1        |              |          | 1                                   | T  | _  | $\vdash$   | $\vdash$                  | П            | li          |              | 51<br>52       | П        | ┌        |
|          | 3              | IT       |              |          |                                     | Г  | T  |  | Г                         | Г            | Ì           |              | 53<br>54<br>55 |          | Г        |
|          | 3<br>4<br>5    | П        |              |          |                                     |  |  |  |                           |              | Ì           |              | 54             | П        | Γ        |
|          | 5              | П        |              |          |                                     |  |  |  |                           |              |             |              | 55             |          |          |
|          | 6              | П        |              |          |                                     |  |  |  |                           |              |             |              | 56<br>57       |          |          |
|          | 7              |          |              |          |                                     |  |  |  |                           |              |             |              | 57             |          | L        |
|          | 8              | Ц.       |              |          |                                     | L.   | L.   |  |                           |              |             |              | 58             | L.,      | L        |
|          | 9<br>10        | Щ        |              |          | _                                   |  | <u> </u>   | _  |                           |              |             |              | 59<br>60       |          | L        |
|          | 10             | Щ        | _            | L        | L                                   |  | L  | <u> </u>   | $ldsymbol{ldsymbol{eta}}$ |              | ļ. <b>ļ</b> |              | 60             |          | L        |
|          | 11             | Н        | ļ            | _        |                                     |  | _  |  |                           |              |             |              | 61             |          | L        |
| <u> </u> | 12<br>13       | ₩        | <del> </del> | <u> </u> | $\vdash$                            | $\vdash$   | $\vdash$   | $\vdash$   | _                         | <u> </u>     |             |              | 61<br>62<br>63 | Н        | $\vdash$ |
| <u> </u> | 13             | 11       | $\vdash$     | <u> </u> | $\vdash$                            | ├-   | -  | _  | <u> </u>                  |              |             |              | 63             | $\vdash$ | H        |
|          | 14<br>15<br>16 | ℍ        |              | _        |                                     |  | H  | _  |                           |              |             |              | 64<br>65       |          | H        |
| -        | 15             | +        | -            | -        |                                     |  | $\vdash$   | _  | -                         |              |             |              | 66             |          | H        |
|          | 17             | Н        | $\vdash$     | _        | $\vdash$                            |  | $\vdash$   | $\vdash$   | $\vdash$                  |              |             |              | 66<br>67       |          | H        |
| <u> </u> | 17<br>18<br>19 | ╫        | ┢            | -        | ⊢                                   | ┢  | -  | ├-   |                           |              |             |              | 68             | Н        | H        |
| $\vdash$ | 19             | Н        | -            | -        | ┢                                   | -  | -  | -  | _                         |              |             |              | 68<br>69       |          | ┝        |
|          | 20             | Н        | ┢            | $\vdash$ | ┢                                   | $\vdash$   | $\vdash$   | -  | ┢                         | -            |             |              | 70             | Н        | H        |
| <b> </b> | 20<br>21       | H        | -            |          | ╁                                   | -  | _  | $\vdash$   | _                         | $\vdash$     |             |              | 71             | $\vdash$ | ┢        |
| $\vdash$ | 22             | Н        |              |          |                                     |  |  |  | $\vdash$                  |              |             |              | 71<br>72       |          | r        |
|          | 23             | т        |              | $\vdash$ | Г                                   |  |  | $\vdash$   |                           | $\vdash$     |             |              | 73             |          | Г        |
|          | 23<br>24       | $\sqcap$ | Ė            |          |                                     | $\vdash$   | ऻ  | _  | $\vdash$                  |              |             |              | 73<br>74       |          | Г        |
|          | 25             | П        |              |          |                                     |  | Π  |  |                           |              |             |              | 75             |          | Г        |
|          | 26<br>27       | V        |              |          |                                     |  |  |  |                           |              |             |              | 76<br>77       |          | Γ        |
|          | 27             |          |              |          |                                     |  |  |  |                           |              | [           |              | 77             |          |          |
|          | 28             |          |              |          |                                     |  |  |  |                           |              |             |              | 78             |          | L        |
|          | 29             | <u> </u> | <u> </u>     |          |                                     |  | _  |  |                           |              |             |              | 79             |          | L        |
|          | 30             | _        |              |          |                                     |  |  |  |                           |              |             |              | 80             |          | L        |
|          | 31             | <u> </u> | <u> </u>     | _        | _                                   |  | <u> </u>   | <u> </u>   |                           | <u> </u>     |             |              | 81<br>82       |          | L        |
|          | 32             |          | <u> </u>     |          | _                                   |  | _  |  |                           | _            |             |              | 82             |          | L        |
|          | 33             | _        | <u> </u>     | <u> </u> | _                                   |  | _  | _  |                           |              |             |              | 83             |          | L        |
|          | 34<br>35       | <u> </u> | ├            | <u> </u> | _                                   | _  | <u> </u>   | <u> </u>   | _                         | H            |             |              | 84             | Н        | L        |
| $\vdash$ | 36             | $\vdash$ | $\vdash$     | ⊢        | $\vdash$                            | $\vdash$   | $\vdash$   | $\vdash$   | -                         | H            | }           |              | 85<br>86       | $\vdash$ | H        |
| -        | 37             | $\vdash$ | -            | <u> </u> | $\vdash$                            | <u> </u>   | $\vdash$   | $\vdash$   | -                         |              | }           |              | 87             | $\vdash$ | H        |
| $\vdash$ | 38             | ├        | $\vdash$     | $\vdash$ | -                                   | <u> </u>   | $\vdash$   | $\vdash$   | <del>  -</del>            | -            | }           |              | 87<br>88       | $\vdash$ | H        |
| $\vdash$ | 39             | $\vdash$ | $\vdash$     | $\vdash$ | <del> </del>                        | $\vdash$   | $\vdash$   | $\vdash$   | _                         | -            | }           |              | 89             |          | H        |
|          | 40             | H        | $\vdash$     | $\vdash$ | ┢╾                                  | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> | _                         |              |             |              | 90             | $\vdash$ | ۲        |
|          | 41             | t        |              | $\vdash$ |                                     |  |  |  |                           |              | }           |              | 91             | Н        | r        |
|          | 42             |          |              | $\vdash$ | Г                                   | T  | T  | T  |                           | Г            |             |              | 92             | Н        | Η        |
|          | 43             |          |              |          |                                     |  |  |  | Т                         |              |             |              | 93             |          | Ī        |
|          | 44             |          |              |          |                                     |  |  |  |                           |              |             |              | 94             |          | Γ        |
|          | 45             |          | L            |          |                                     |  |  |  |                           |              |             |              | 95             |          |          |
|          | 46             |          |              |          |                                     |  |  |  |                           |              |             |              | 96             |          |          |
|          | 47             |          |              |          |                                     |  |  |  |                           |              | [           |              | 97             |          |          |
|          | 48             |          |              | $\Box$   |                                     |  |  |  |                           |              |             |              | 98             |          | Ĺ        |
|          | 49             |          |              | $\Box$   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |  | <u> </u>   |  | _                         | $oxed{oxed}$ |             |              | 99             | Ш        | L        |
| L        | 50             |          | L            |          |                                     | l  | <u> </u>   | L_   | _                         | <u> </u>     |             |              | 100            |          | L        |
|          |                |          |              |          |                                     |  |  |  |                           |              |             |              |                |          |          |

| Cla          | Claim    |                                     |              | Date         |              |  |                                     |              |  |              |  |  |  |  |
|--------------|----------|-------------------------------------|--------------|--------------|--------------|--|-------------------------------------|--------------|--|--------------|--|--|--|--|
|              |          |                                     |              |              | _            |  |                                     |              |  |              |  |  |  |  |
| - m          | na       |                                     |              |              |              |  |                                     |              |  |              |  |  |  |  |
| Final        | iĝi      |                                     |              |              |              |  |                                     |              |  |              |  |  |  |  |
| ۱ ۳          | Original |                                     |              | İ            |              |  |                                     |              |  |              |  |  |  |  |
| -            |          | ⊢                                   | -            | ┝            | <u> </u>     |  |                                     |              | <u> </u>   | H            |  |  |  |  |
| <u> </u>     | 51       | _                                   | <u> </u>     | <u> </u>     | <u> </u>     | <u> </u>   | _                                   | _            | ⊢  | ⊢            |  |  |  |  |
|              | 52       | <u> </u>                            | <u> </u>     | <u> </u>     | _            | _  | _                                   | _            | <u> </u>   | <u> </u>     |  |  |  |  |
|              | 53       |                                     | <u> </u>     | L.           | _            |  | _                                   |              | <u> </u>   | <u> </u>     |  |  |  |  |
| <u> </u>     | 54       | L                                   | _            | <u> </u>     |              |  | L_                                  | _            | <u> </u>   | Ļ            |  |  |  |  |
|              | 55       |                                     | L            | _            |              |  |                                     |              |  | L            |  |  |  |  |
|              | 56       |                                     | L            |              |              | $ldsymbol{ld}}}}}}$ |                                     |              |  | <u></u>      |  |  |  |  |
|              | 57       |                                     |              |              |              |  |                                     |              |  |              |  |  |  |  |
|              | 58       |                                     |              |              |              |  |                                     |              |  |              |  |  |  |  |
|              | 59       |                                     |              |              |              |  |                                     |              |  |              |  |  |  |  |
|              | 60       |                                     |              |              |              |  |                                     |              |  |              |  |  |  |  |
|              | 61       |                                     |              |              |              |  |                                     |              |  |              |  |  |  |  |
|              | 62       |                                     |              |              |              |  |                                     |              |  |              |  |  |  |  |
|              | 63       | Г                                   | Г            |              |              |  |                                     |              |  | _            |  |  |  |  |
|              | 64       | Г                                   |              | Т            |              | Г  |                                     |              |  | Г            |  |  |  |  |
|              | 65       |                                     | H            |              |              |  |                                     |              | _  | H            |  |  |  |  |
|              | 66       | Н                                   | Н            | $\vdash$     | Н            | Н  | Н                                   |              | $\vdash$   | $\vdash$     |  |  |  |  |
|              | 67       | Н                                   | $\vdash$     | <del> </del> |              | -  | $\vdash$                            | <del> </del> | <del> </del>                                     | $\vdash$     |  |  |  |  |
|              | 68       | $\vdash$                            | $\vdash$     | $\vdash$     | $\vdash$     |  | $\vdash$                            |              | $\vdash$   | $\vdash$     |  |  |  |  |
| <b>-</b>     | 69       | -                                   |              | $\vdash$     |              | -  | -                                   | -            | $\vdash$   | -            |  |  |  |  |
|              | 70       | $\vdash$                            | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$   | $\vdash$                            | $\vdash$     | $\vdash$   | $\vdash$     |  |  |  |  |
|              | 71       | $\vdash$                            | <u> </u>     | $\vdash$     | ├—           | <del> </del>   | <u> </u>                            | <del> </del> |  | -            |  |  |  |  |
| -            | 77       | H                                   | <u> </u>     |              | <u> </u>     |  |                                     | <u> </u>     |  |              |  |  |  |  |
|              | 72<br>73 | <u> </u>                            | <u> </u>     | -            | <u> </u>     | $\vdash$   | _                                   | <u> </u>     | $\vdash$   | $\vdash$     |  |  |  |  |
|              | /3       | L                                   | L            | <u> </u>     | <u> </u>     | L.   | <u> </u>                            | L_           | <u> </u>   | L            |  |  |  |  |
|              | 74       | <u> </u>                            | L            | <u> </u>     | <u> </u>     | L  | L                                   | <u> </u>     | lacksquare                                       | L            |  |  |  |  |
|              | 75       | Ш                                   | <u> </u>     | <u> </u>     | <u> </u>     |  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | _            | <u> </u>   | L            |  |  |  |  |
|              | 76       | Ш                                   | $oxed{oxed}$ | <u> </u>     | <u> </u>     |  | L                                   |              | <u> </u>   | <u> </u>     |  |  |  |  |
|              | 77       |                                     |              |              | L            | L  | L                                   |              | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              | L            |  |  |  |  |
|              | 78       | L_                                  | L            | _            | <u> </u>     |  | L                                   | _            | ļ  | _            |  |  |  |  |
|              | 79       |                                     | <u> </u>     |              |              |  |                                     |              |  | _            |  |  |  |  |
|              | 80       |                                     | L            | L            |              |  |                                     | L            | L  | Ĺ            |  |  |  |  |
|              | 81       |                                     |              |              |              |  |                                     | Ĺ            |  |              |  |  |  |  |
|              | 82       |                                     |              |              |              |  |                                     |              |  | Γ            |  |  |  |  |
|              | 83       |                                     | Г            |              |              |  | Г                                   |              |  | Γ            |  |  |  |  |
|              | 84       |                                     | Г            | Г            |              |  |                                     |              | Г  | Γ            |  |  |  |  |
|              | 85       |                                     | Г            | <u> </u>     |              |  | П                                   |              | Г  |              |  |  |  |  |
|              | 86       | П                                   | Г            | Г            | Г            | Г  | <b></b>                             |              | $\vdash$   | ┢            |  |  |  |  |
|              | 87       |                                     |              | $\vdash$     |              |  | $\vdash$                            |              | Ι-   | r            |  |  |  |  |
|              | 88       | М                                   | $\vdash$     | $\vdash$     |              | $\vdash$   | Т                                   | <del> </del> | <del>                                     </del> |              |  |  |  |  |
|              | 89       |                                     | _            | $\vdash$     |              | -  | $\vdash$                            | $\vdash$     | $\vdash$   | $\vdash$     |  |  |  |  |
|              | 90       | Н                                   | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$   | $\vdash$                            | <del> </del> | <del>                                     </del> | Н            |  |  |  |  |
| -            | 91       | Н                                   | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$   | $\vdash$                            | $\vdash$     | <del>                                     </del> | ┢            |  |  |  |  |
| <del>-</del> | 92       | ┝                                   | $\vdash$     | $\vdash$     | $\vdash$     | H  | $\vdash$                            | $\vdash$     | <del> </del>                                     | $\vdash$     |  |  |  |  |
| $\vdash$     | 93       | $\vdash$                            |              | $\vdash$     | -            | $\vdash$   | $\vdash$                            | <del> </del> | -  | $\vdash$     |  |  |  |  |
|              | 94       |                                     | -            | -            |              | <u> </u>   | <del> </del>                        | -            | $\vdash$   | $\vdash$     |  |  |  |  |
|              |          | Ь.                                  | $\vdash$     | <u> </u>     | $\vdash$     | $\vdash$   | $\vdash$                            | $\vdash$     | -  | -            |  |  |  |  |
| <u> </u>     | 95       | $\vdash$                            | <u> </u>     | <u> </u>     | <u> </u>     | $\vdash$   | $\vdash$                            | <u> </u>     | <u> </u>   | ├-           |  |  |  |  |
| <u> </u>     | 96       | L                                   | L_!          | L            | L-           | L  | <u> </u>                            |              | <u> </u>   | _            |  |  |  |  |
| <u></u>      | 97       | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ш            | <u> </u>     | _            | <u> </u>   |                                     | <u> </u>     | <b> </b>   | L            |  |  |  |  |
| <u></u>      | 98       | L_                                  |              | $oxed{oxed}$ | $oxed{oxed}$ | $oxed{oxed}$   | <u> </u>                            | <u> </u>     | <u> </u>   | _            |  |  |  |  |
| <u></u>      | 99       |                                     |              |              |              |  |                                     |              | L  | $oxed{oxed}$ |  |  |  |  |
|              | 100      |                                     |              |              |              |  |                                     |              | 1  |              |  |  |  |  |

| Claim |  | Date |          |              |        |          |          |   |  |          |  |  |
|-------|--|------|----------|--------------|--------|----------|----------|---|--|----------|--|--|
| [ [   |  |      |          |              |        |          |          |   |  | П        |  |  |
| Final | Original   |      |          |              |        |          |          |   |  |          |  |  |
|       | 101  |      |          |              |        |          |          |   |  |          |  |  |
|       | 102  |      |          |              |        |          |          |   |  |          |  |  |
|       | 103  |      |          |              |        |          |          |   |  |          |  |  |
|       | 104  |      |          |              |        |          |          |   |  |          |  |  |
|       | 101<br>102<br>103<br>104<br>105                                    |      |          |              |        |          |          |   |  |          |  |  |
|       | 106  |      |          |              |        |          |          |   |  |          |  |  |
|       | 106<br>107   |      |          |              |        |          |          |   |  |          |  |  |
|       | 108  |      |          |              |        |          |          |   |  |          |  |  |
|       | 109  |      |          |              |        |          |          |   |  |          |  |  |
|       | 110<br>111<br>112  |      |          |              |        |          |          |   |  |          |  |  |
|       | 111  |      |          |              |        |          |          |   |  |          |  |  |
|       | 112  |      |          |              |        |          |          |   |  | Ш        |  |  |
|       | 113<br>114<br>115  |      |          |              |        |          |          |   |  | Ш        |  |  |
|       | 114  | L    |          |              |        |          |          |   |  | Ш        |  |  |
|       | 115  |      |          |              |        |          |          |   |  |          |  |  |
|       | 116<br>117   |      |          |              |        | Ш        |          |   |  |          |  |  |
|       | 117  |      |          |              |        |          |          |   | _  |          |  |  |
|       | 118  |      | _        |              | _      | _        |          |   |  |          |  |  |
|       | 119  |      |          | _            |        | L.       |          |   | _  |          |  |  |
|       | 120  |      |          | $oxed{oxed}$ |        | _        |          |   | $oxed{oxed}$                                     |          |  |  |
|       | 121  |      |          | <u> </u>     | L.     | L        |          |   | Ш  | Ш        |  |  |
|       | 122  |      |          |              |        | <u> </u> |          |   |  |          |  |  |
|       | 123  |      | L.       | _            |        | L        |          |   |  |          |  |  |
|       | 124  | _    |          |              | _      | _        |          |   | _  |          |  |  |
|       | 125  |      |          | <u> </u>     |        | $\vdash$ |          |   |  |          |  |  |
|       | 126  |      |          |              |        | <u> </u> |          |   | H  |          |  |  |
|       | 127  |      | $\vdash$ | H            |        | $\vdash$ |          |   | H  | _        |  |  |
|       | 120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129 | _    | $\vdash$ | ⊢            | _      | -        | -        |   | <del>                                     </del> | _        |  |  |
|       | 129  | _    | _        | ┝            | _      | $\vdash$ | <u> </u> |   | <u> </u>   | _        |  |  |
|       | 130<br>131<br>132  |      | _        | -            | _      | <u> </u> | _        |   | ┝  | -        |  |  |
|       | 131  |      |          | ┝            | -      | $\vdash$ | _        |   | ⊢  | Н        |  |  |
|       | 132  | _    | _        | ⊢            | _      | $\vdash$ |          | _ | ┝  |          |  |  |
|       | 133<br>134   |      |          | -            | _      | $\vdash$ | $\vdash$ | _ | ⊢  | Н        |  |  |
|       | 135  | _    | _        | _            |        |          | _        |   |  | H        |  |  |
|       | 136  |      | -        | -            | _      | $\vdash$ | -        | _ | $\vdash$   | H        |  |  |
|       | 136<br>137   |      | Н        | -            | _      | $\vdash$ |          | _ | $\vdash$   | H        |  |  |
|       | 138  |      | -        |              |        | $\vdash$ |          | _ | _  | Н        |  |  |
|       | 138<br>139   |      | _        | _            | _      | $\vdash$ | _        |   | $\vdash$   | H        |  |  |
|       | 140  |      |          | -            | _      | ┢═       |          | - | ┢  | П        |  |  |
|       | 141  |      |          |              |        | Г        |          |   | Т  | П        |  |  |
|       | 142  |      | Г        |              |        |          |          |   |  |          |  |  |
|       | 143  |      | Г        |              |        |          |          |   | Г  |          |  |  |
|       | 144  |      |          |              |        |          |          |   |  |          |  |  |
|       | 145  |      |          |              |        |          |          |   |  |          |  |  |
|       | 146  |      |          |              |        |          |          |   | П  | П        |  |  |
|       | 147  |      | Г        |              |        |          |          | - |  | $\sqcap$ |  |  |
|       | 148  |      | Г        |              | $\Box$ | П        |          |   | П  |          |  |  |
|       | 149  |      |          |              |        |          |          |   |  |          |  |  |
|       | 150  |      | Г        |              | Т      |          |          |   | Г  |          |  |  |
|       |  |      |          | _            | _      |          | _        | _ |  | _        |  |  |